

ABSTRACT

MODIFIED PLASMID AND USE THEREOF

5 The present invention provides disclosure relates to a method for producing heterologous protein ~~comprising~~ including:

- 10 (a) providing a host cell comprising a 2 μ m-family plasmid, the plasmid comprising a gene encoding a protein comprising the sequence of a chaperone protein and a gene encoding a heterologous protein;
- (b) culturing the host cell in a culture medium under conditions that allow the expression of the gene encoding the chaperone protein and the gene encoding a heterologous protein;
- 15 (c) purifying the thus expressed heterologous protein from the cultured host cell or the culture medium.